



WELCOME

MODIS SCIENCE TEAM MEETING

Baltimore, MD

January 4, 2005

**Vincent V. Salomonson
MODIS Science Team Leader**



SYSTEMS STATUS LOOKS GOOD OVERALL

- **INSTRUMENTS ARE PERFORMING NOMINALLY**
- **DATA PROCESSING SYSTEMS DOING WELL**
 - **GSFC DAAC DELIVERING LEVEL 1 CONSISTENTLY**
 - **MODAPS DOING WELL—FORWARD PROCESSING STAYS ABOUT 1 DAY BEHIND REAL-TIME**
 - **COLLECTION 5 REPROCESSING FOR ATMOSPHERES WILL BEGIN VERY SOON**
 - **COLLECTION 5 FOR LAND WILL BEGIN APRIL/MARCH**
 - **TERRA SST REPROCESSING DONE AND FORWARD PROCESSING WILL CONTINUE UNTIL OCDPS IS READY TO TAKE OVER**
- **OCDPS IS ROUTINELY HANDLING ALL AQUA OCEAN PRODUCTS (OCEAN COLOR AND SST) AND WILL DO TERRA SST SOON. TERRA OCEAN COLOR IS TBD**
- **DATA PRODUCT DELIVERY GOING WELL FOR DAAC'S**
- **TERRA APPROVED BY "SENIOR REVIEW TEAM" FOR EXTENDED OPERATIONS TO 2009.**



USE OF MODIS OBSERVATIONS/PRODUCTS IS INCREASING RAPIDLY



- **Web of Science: 964 Total refereed MODIS-related publications**
310 MODIS publications in 2005
181 MODIS publications in 2004
- **ISI Proceedings: 799 MODIS-related publications**
234 MODIS publications in 2005
105 MODIS publications in 2004
- **At least 200 MODIS-related presentations/posters at the Fall AGU**
186 in Fall AGU meeting
- **Use of MODIS to improve scientific insight and results is growing**
It helps to have:
 - **Almost 6 years of Terra MODIS observations**
(Feb 2000 through December 2005)
 - **3 ½ years of Aqua MODIS observations**
- **This Meeting will show even more results**



**Agenda for the MODIS Science Team Meeting
January 4-6, 2006
Meeting Place: Radisson Plaza Lord Baltimore Hotel in Baltimore**

First Day (January 4, 2006)

8 A.M. to 12 P.M. Morning Plenary Session: Overall thrust: HQ presentation(s) on focus areas and the key science questions and measurement needs.

8:00-8:15 A.M.- Opening remarks-Vince Salomonson and Paula Bontempi

8:15-8:45 A.M. - Climate Variability and Change, Modeling, Analysis, and Prediction -Don Anderson

8:45-9:15 A.M. - Carbon Cycle and Ecosystems - Diane Wickland

9:15-9:45 A.M. - Water and Energy Cycle - Jared Entin

9:45-10:00 A.M. - Break

10:00-10:30 A.M. - Atmospheric Composition - Phil Decola

10:30-11:00 A.M. - Weather - Jeff Halverson

11-11:30 A.M. - EOSDIS Evolution in support of Measurement needs/Science – Martha Maiden

11:30 A.M. - 12:00 P.M. - Applied Sciences-national needs - Ron Birk

12:00-2:30 P.M. Poster session (with included lunch)--Note: posters will remain up throughout the whole meeting for ad-hoc discussions

2:30-5:30 P.M. Afternoon Plenary Session--MODIS Science and Applications Highlights

2:30 – 3:00 P.M.- "MODIS Land Science Review" – Steve Running

3:00 – 3:30 P.M.- "MODIS Land Applications Review" – Chris Justice

3:30 – 4:00 P.M.- "Coastal Ocean Processes" - Bob Arnone

4:00 – 4:30 P.M.- "Ocean Carbonate Dynamics" - Barney Balch

4:30 – 5:00 P.M.- "Synergy of MODIS Deep Blue and operational aerosol products with MISR and SeaWiFS" - Christina Hsu, Si-Chee Tsay, Michael King, and Myeong Jae Jeong

5:00 – 5:30 P.M.- "Comparison of MODIS radiances and atmosphere products with AIRS, MISR and ground based measurements"--Steve Ackerman, Jun Li, Paul Menzel, and David Tobin

6:30 P.M.-Evening session: Instrument characterization updates and issues--Jack Xiong, et al.

January 3, 2006

MODIS Science Team Meeting



Agenda for the MODIS Science Team Meeting (Continued)
January 4-6, 2006
Meeting Place: Radisson Plaza Lord Baltimore Hotel in Baltimore

Second Day (January 5, 2006)

8 A.M. - 5 P.M. Land, Ocean, and Atmospheres Group Discipline Sessions (focusing on discussions related to the objectives of the meeting)--Detailed Agendas are attached to the overall Science Team Agenda.

Third Day (January 6, 2006)

8 A.M. -9:45 A.M. Discipline Group wrap-up/summarization sessions

9:45 A.M.-10:00 A.M.---Break

10 A.M.-12 P.M.-- Wrap- up Plenary Session

10:00-10:20 A.M.- Overview of the Progress on NPP/NPOESS VIIRS--R. Murphy, et al.

10:20-10:40 A.M.- Atmosphere Discipline Group Report/Summary--Michael King

10:40-11:00 A.M.- Land Discipline Group Report/Summary--Chris Justice

11:00-11:20 A.M.- Oceans Discipline Group Report/Summary--Chuck McClain

11:20-11:40 A.M.- NASA Earth Science Overview and Comments--Jack Kaye

11:40-12:00 P.M.- Comments and Directions for the Future for the MODIS Science Team--Paula Bontempi

12:00-12:10 P.M.-Wrap-up Comments and Plans for the Next Meeting—Vince Salomonson